Cumulative Index 1982, 1983, and 1984

Volumes 9, 10, and 11

Note: The volume year is in there type. Page numbers of symposium and article titles are in **boldface** type.

SYMPOSIA

1982

February OBSTETRIC ANESTHESIA AND ANALGESIA

June FETAL MONITORING

October Fluid Balance in the Newborn Infant

1983

February Innovative Planning of Perinatal Centers

June OPERATIVE OBSTETRICS

October Perinatal Endocrinology

1984

February Continuing Care of the High-Risk Infant

June PERINATAL HEMATOLOGY

October NEONATAL PULMONARY HYPERTENSION

Abdomen, injuries to, due to birth trauma,

1983: June, 499 pregnant, blunt trauma to, 1983: June, 429–432

penetrating trauma to, 1983: June, 432-433

Abortion, anti-D immune globulin following, 1983: June, 345–346

due to folate deficiency, 1984: June, 442 midtrimester, 1983: June, 305–320 spontaneous, steroid measurements in

evaluation of, 1983: Oct., 534-535 ABO typing, fetal, fetal blood sampling for, 1983: June, 363 Abruptio placentae, anesthetic considerations, 1982: Feb., 119-121

megaloblastic anemia associated with, 1984: June, 441

Acetylcholine, for persistent pulmonary hypertension of the newborn, 1984: Oct., 558, 696

Acid-base balance, and placental transfer of local anesthetics, 1982: Feb., 16–22, 31 effect on the pulmonary circulation, 1984: Oct., 555–556

fetal, effect of meperidine on, 1982: Feb., 44-45

prediction of, 1982: June, 353-361

Cumulative Index 1982, 1983, and 1984

Volumes 9, 10, and 11

Note: The volume year is in there type. Page numbers of symposium and article titles are in **boldface** type.

SYMPOSIA

1982

February OBSTETRIC ANESTHESIA AND ANALGESIA

June FETAL MONITORING

October Fluid Balance in the Newborn Infant

1983

February Innovative Planning of Perinatal Centers

June OPERATIVE OBSTETRICS

October Perinatal Endocrinology

1984

February Continuing Care of the High-Risk Infant

June PERINATAL HEMATOLOGY

October NEONATAL PULMONARY HYPERTENSION

Abdomen, injuries to, due to birth trauma,

1983: June, 499 pregnant, blunt trauma to, 1983: June, 429–432

penetrating trauma to, 1983: June, 432-433

Abortion, anti-D immune globulin following, 1983: June, 345–346

due to folate deficiency, 1984: June, 442 midtrimester, 1983: June, 305–320 spontaneous, steroid measurements in

evaluation of, 1983: Oct., 534-535 ABO typing, fetal, fetal blood sampling for, 1983: June, 363 Abruptio placentae, anesthetic considerations, 1982: Feb., 119-121

megaloblastic anemia associated with, 1984: June, 441

Acetylcholine, for persistent pulmonary hypertension of the newborn, 1984: Oct., 558, 696

Acid-base balance, and placental transfer of local anesthetics, 1982: Feb., 16–22, 31 effect on the pulmonary circulation, 1984: Oct., 555–556

fetal, effect of meperidine on, 1982: Feb., 44-45

prediction of, 1982: June, 353-361

Acidosis, fetal, 1982: June, 392–395Adenocarcinoma, of fallopian tube, during pregnancy, 1983: June, 376

of uterus, during pregnancy, 1983: June, 375

Adrenal gland, fetal, 1983: Oct., 680-681 autoregulation of, 1983: Oct., 543-544

Adrenocorticotropic hormone, beta-endorphin and, in pregnancy, 1983: Oct., 653-667

in the fetoplacental unit, 1983: Oct., 678–679

in the maturing fetus, 1983: Oct., 541–543 Afibrinogenemia, 1984: June, 323–324 AIDS, in hemophiliacs, 1984: June, 330

Air-oxygen proportioners, descriptions and prices, 1983: Feb., 274–275

Airway obstruction, apnea and, 1984: Feb., 91

Albinism, fetal skin sampling for, 1983: June, 366

Aldosterone, in pregnancy-induced hypertension, 1983: Oct., 742–743

Alpha fetoprotein, in fetal assessment, 1983: Oct., 772

Alveolar rupture, from mechanical ventilation, in infants with persistent pulmonary hypertension, 1984: Oct., 662-666

Amenorrhea, puerperal, etiology of, 1983: Oct., 731-733

Amblyopia, due to cicatricial retrolental fibroplasia, 1984: Feb., 140

broplasia, 1984: Feb., 140
Amiel-Tison method, of neurologic assess-

ment, 1984: Feb., 44 Amniocentesis, anti-D immunoprophylaxis after, 1983: June, 347–349

Amnioinfusion, in induction of midtrimester abortion, 1983: June, 312–313

Aminotic fluid, beta-endorphin in, 1983: Oct., 662-663

Amniotic fluid spectrophotometry, for Rh disease, 1984: June, 255-259

Amniotic fluid tests, for determining fetal maturity, 1982: June, 303-305

Amrinone, for persistent pulmonary hypertension of the newborn, 1984: Oct., 697

Analgesia. See also Anesthesia. during labor, 1983: June, 373–374 obstetric, symposium on, 1982: Feb.,

systemic, during labor, 1982: Feb., 29-53 recommendations for use, 1982: Feb., 48-49

Analgesic drugs. See also specific agent, e.g., Meperidine.

systemic, disposition and distribution, 1982: Feb., 30–31

effects on fetal heart rate monitoring, 1982: Feb., 45

neurobehavioral effects, 1982: Feb., 47–48

pharmacokinetics, 1982: Feb., 32–34 Anemia, aplastic, constitutional, 1984: June, 376–377

Diamond-Blackfan, 1984: June, 423-425 Fanconi's, 1984: June, 420-422

hemolytic, in treatment of bleeding disorders in neonates, 1984: June, 329 in the high-risk infant, 1984: Feb., 13,

59-72 replacement therapy for, 1984: Feb., 68-69

transfusion therapy for, 1984: Feb., 69-70

in neonates, assessment, 1984: June, 489-510

of pregnancy, 1984: June, 435 vitamin E deficiency, 1984: June, 393-402

Anesthesia. See also Analgesia. caudal, 1982: Feb., 73

effects of maternal adaptations to pregnancy, 1982: Feb., 113–117, 136–143

epidural, 1982: Feb., 63–76 anatomic mechanisms, 1982: Feb., 63–64

clinical evaluation, 1982: Feb., 66-67 complications, 1982: Feb., 72-73 contraindications, 1982: Feb., 71 effects on fetal heart rate monitoring,

1982: Feb., **55–62** effects on neonate, 1982: Feb., 67–69, 198–202, 206

for cesarean section, 1982: Feb., 70-71 indications, 1982: Feb., 71-72 pharmacology, 1982: Feb., 65-66

pharmacology, 1982: Feb., 65–66 physiologic mechanisms, 1982: Feb., 64–65

fetal exposure, during nonobstetric surgery, 1982: Feb., 144-146

for breech deliveries, 1982: Feb., 77–87 for high-risk obstetric patient, 1982: Feb., 113–134

for nonobstetric surgery during pregnancy, 1982: Feb., 135-152

for pregnancy-induced hypertension, 1982: Feb., 95-111

for pregnant diabetic patient, 1982: Feb., 153-166

general, effect on neonatal neurobehavior, 1982: Feb., 207–208

obstetric, advantages, 1982: Feb., 220-222

effects on neurobehavior of neonate, 1982: Feb., 191-214

objections to, 1982: Feb., 215–220 recent advances, 1982: Feb., 3–12 symposium on, 1982: Feb., 1–224 versus no anesthesia, 1982: Feb.,

215-224

paracervical block, effect on neonatal neurobehavior, 1982: Feb., 200–201 pudendal block, effect on neonatal neuro-

behavior, 1982: Feb., 201-202

Anesthetic drugs, local, epinephrine added to, 1982: Feb., 20–21, 69 placental transfer, 1982: Feb., 13–28 acid-base balance and, 1982: Feb., 16–20, 31

> effect of dosage, 1982: Feb., 21–22 protein binding and, 1982: Feb., 16–20, 31

uteroplacental blood flow and, 1982: Feb., 15-31

teratogenicity, 1982: Feb., 143-144 Angiography, contrast, in diagnosis of neo-

natal thrombosis, 1984: June, 475–476 Angiotensin, effects on the pulmonary circulation, 1984: Oct., 558

Angiotensin II, in pregnancy-induced hypertension, 1983: Oct., 741-746

Angiotensin III, in pregnancy-induced hypertension, 1983: Oct., 742

Antibiotics, prophylactic, during cesarean section, 1983: June, 461–471 in midtrimester abortion, 1983: June, 306

Antibody formation, in treatment of bleeding disorders in neonates, 1984: June, 329

Anti-D immune globulin, 1983: June, 343-355

for antenatal prevention of Rh immunization, cost-effectiveness, 1984: June, 267-281

Antidiuretic hormone, in newborn, inappropriate levels, 1982: Oct., 548–549

α₂ Antiplasmin deficiency, 1984: June, 326 Antiplatelet drugs, for neonatal thrombosis, 1984: June, 477

α₁ Antitrypsin variant, 1984: June, 326 Aorta, coarctation of, in infants, 1984: Feb., 204–205

stenotic, in infants, 1984: Feb., 205
Apgar scores, umbilical cord acid-base de-

terminations and, 1982: June, 388–392 Apgar scoring, 1982: Feb., 182–186 Apnea, infant, idiopathic, 1984: Feb., 93–94

Apnea, infant, idiopathic, 1984: Feb., 93-8 in the high-risk infant home-monitoring for, 1984: Feb., 85-100

Apnea monitors, 1983: Feb., 190 descriptions and prices, 1983: Feb., 268–269

Applanation transducer, for measuring intracranial pressure, 1983: Feb., 225-226

Arachidonic acid, infusions of, effects on pulmonary circulation, 1984: Oct., 570 products of, effects on the pulmonary circulation, 1984: Oct., 565-579 Arginine vasopressin, secretion and control, 1983: Oct., 696–697

Arterial thrombosis, 1984: June, 468–470 Arteries, great, transposition of, in infants, 1984: Feb., 208–209

intraacinar, normal development, 1984: Oct., 529–532

preacinar, normal development, 1984: Oct., 529

Atrial septal defect, in infancy, 1984: Feb., 204

Atrial septum, position of, in differentiation of cardiac vs noncardiac persistent pulmonary hypertension, 1984: Oct., 604

Asphyxia, birth, 1983: June, 473–486 fetal, effect on placental transfusion, 1982: Oct., 571–574

related to nonobstetric surgery, 1982: Feb., 146-147

fetal response to, 1983: June, 475 in labor, 1982: June, 313-314

Autonomic nervous system, effects on the pulmonary circulation, 1984: Oct., 560–561

Bacterial infection, transmitted by blood components, 1984: June, 407

Barbiturates, obstetric, effect on neonatal neurobehavior, 1982: Feb., 202

Baroreceptors, fetal cardiac activity and, 1982: June, 327

Behavior, activity and, effect on insensible water loss in neonates, 1982: Oct., 461–462

fetal, fetal heart rate and, 1982: June, 434-436

Behavioral problems, in the child with bronchopulmonary dysplasia, 1984: Feb., 113

resulting from prematurity, 1984: Feb., 227-234

Beta-adrenergic agents, for delaying labor, 1984: Feb., 127–129

Beta-endorphin, ACTH and, during pregnancy, 1983: Oct., 653-667 in the maturing fetus, 1983: Oct., 543

Bilirubin levels, means of decreasing, 1984:

June, 340–343

Biophysical profile scoring, fetal, 1982: June, 285-296

Birth, natural, cord severance and, 1982: Oct., 569-570.

Birth asphyxia, 1983: June, 473–486 Birth trauma, immediate management, 1983: June, 487–505

severe, long-term prognosis, 1983: June, 507-520

Bleeding disorders, inherited, in neonates, 1984: June, 309-317

Bleeding time, in detecting cause of bleeding disorders in neonates, 1984: June, 312

Blood flow, uterine, in pregnancy, endocrine modulation of, 1983: Oct., 567-573

Blood gas, fetal, monitoring, 1983: Feb., 191, 250-251

Blood gas examinations, in diagnosis of persistent pulmonary hypertension, 1984: Oct., 643–646

Blood pressure monitors, 1983: Feb., 191 descriptions and prices, 1983: Feb., 265–268

Blood pressure monitoring, in diagnosis of neonatal thrombosis, 1984: June, 474

Blood sampling, in neonates, effect on hemoglobin I levels, 1984: June, 497–499

Blood tests, to screen for Rh disease, 1984: June, 254-255

Blood transfusion, in neonates, cardiac and vascular complications, 1984: June, 408–410

metabolic complications, 1984: June, 408

risks, 1984: June, 403-415

Blood volume, fetoplacental, perinatal redistribution, 1982: Oct., 559-592

Body temperature, effect on insensible water loss, 1982: Oct., 462

Body water, beta-endorphin in, 1983: Oct., 654-655

homeostasis, symposium on, 1982: Oct., 453-657 insensible loss of, in newborn, 1982: Oct.,

453–482
radiant warmers and, 1982: Oct.,

472, 475, 483-503 Bowel, fetal, obstruction of, perinatal management, 1983: June, 404

short, in the high-risk infant, 1984: Feb., 189-197

Brachial plexis, birth-related injury to, longterm prognosis, 1983: June, 513-515

Bradycardia, fetal, prolonged, 1982: June, 332–334

Bradykinin, effects on the pulmonary circulation, 1984: Oct., 558 for therapy of persistent pulmonary hy-

pertension of the newborn, 697
Brain damage, behavioral disorders and,

1984: Feb., 228–234 in asphyctic fetus, 1983: June, 480–482

Brain size, in high-risk infants, neurologic sequelae and, 1984: Feb., 29–31

Breathing movements, fetal, assessment, 1983: Feb., 249

Breech delivery. See under *Delivery* and *Fetal*, *presentation*.

Bronchopulmonary dysplasia, in the highrisk infant, 1984: Feb., 101–121 follow-up care, 1984: Feb., 105–110 management prior to discharge, 1984: Feb., 103–105

outcome, 1984: Feb., 114-117

Burns, pregnancy and, 1983: June, 383–389 Butorphanol, for systemic analgesia during labor, 1982: Feb., 41

Caffeine, in treatment of apnea, 1984: Feb., 87-88

Calcitropic hormones, in maternal physiology, 1983: Oct., 578-580

Calcium, homeostasis, during pregnancy, endocrine regulation of, 1983: Oct., 575–592

Cardiac abnormalities, in bronchopulmonary dysplasia, 1984: Feb., 109-110

Cardiac dysfunction, associated with persistent pulmonary hypertension of the newbora, treatment of, 1984: Oct., 717–718

Cardiac failure, effect on insensible water loss, 1982: Oct., 463

Cardiac function, noninvasive assessment of, in persistent pulmonary hypertension of the newborn, 1984: Oct., 627-640

Cardiac monitors, 1983: Feb., 190

Cardiorespiratory monitors, descriptions and prices, 1983: Feb., 265–268

Cardiotonic therapy, in management of infants with persistent pulmonary hypertension, 1984: Oct., 715–728

Cardiovascular disorders, associated with nonimmune hydrops fetalis, 1982: Oct., 614

structural, prresenting as persistent pulmonary hypertension of the newborn, 1984: Oct., 601-625

Cardiovascular malformations, congenital, in the high-risk infant, 1984: Feb., 199-212

Cardiovascular system, maternal, adaptations during pregnancy, 1982: Feb., 140-141

Catch-up growth, in the high-risk infant, 1984: Feb., 20-21, 24-25

Catecholamines, effect on the pulmonary circulation, 1984: Oct., 556-557

in pregnancy, influence of sex steroids on, 1983: Oct., 571-572

Catheters, indwelling, neonatal thrombosis associated with, 1984: June, 462-467

Cephalhematoma, as birth injury, 1983: June, 489-490 Cephalopelvic disproportion, in the obese mother, 1983: June, 412, 415-416

Cerclage, cervical, 1983: June, 321-341 risks, 1983: June, 328-330

Cerebral arteriovenous malformation, causing persistent pulmonary hypertension in the newborn, 1984: Oct., 616-617

Cerebral blood flow, determination of, 1983: Feb., 231-236

effects of mechanical ventilation on, in infants with persistent pulmonary hypertension, 1984: Oct., 673-680

Cerebral palsy, in infancy, 1984: Feb.,

Cervical dilatation, continuous monitoring, 1983: Feb., 250

Cervical insufficiency, diagnostic tests, 1983: June, 333-334

recurrent pregnancy loss due to, 1983: June, 325-328

Cervix, tumors of, during pregnancy, 1983: June, 371-373

Cesarean section, effect on placental transfusion, 1982: Oct., 570-571

epidural anesthesia for, 1982: Feb., 70-71 for breech delivery, anesthesia for, 1982: Feb., 86, 89-90

in diabetic patient, glucose and insulin therapy for, 1982: Feb., 159-161

in massively obese mother, 1983: June,

in mothers with pregnancy-induced hypertension, anesthetic management, 1982: Feb., 107-109

postmortem, in trauma victim, 1983: June, 434-435

prophylactic antibiotics during, 1983: June, 461-471

vaginal delivery after, 1983: June, 439-453

Chemoreceptors, fetal cardiac activity and, 1982: June, 326-327

for multiple delivery, anesthesia for, 1982: Feb., 87-89

Chlorpromazine, for persistent pulmonary hypertension of the newborn, 1984: Oct., 697

Chromosomal analysis, fetal blood sampling for, 1983: June, 363

Chromosomal disorders, associated with nonimmune hydrops fetalis, 1982: Oct.,

Circulation, fetal, persistent. See Persistent pulmonary hypertension of the newborn.

Coagulation, disseminated intravascular, 1984: June. 371

Coagulation abnormalities, fetal blood sampling for, 1983: June, 361-362

Coagulation factors. See also specific factor. deficiencies, specific assays, 1984: June,

carrier testing, 1984: June, 330-331 in neonates, screening tests for, 1984: June, 311-313

normal values for fetus and neonate, 1984: June, 316-317

Colloid osmotic pressure, 1982: Oct., 505-521

in medical practice, 1982: Oct., 517-520 measurement, 1982: Oct., 511-515 physiologic significance, 1982: Oct., 516-517

Combined factors II. VII. IX, and X deficiency. 1984: June. 326-327

Combined factors V and VIII deficiency, 1984: June. 327

Communication, nursery-pediatrician, in improving care of high-risk survivors, 1984: Feb., 8-10

Computers, in neonatal intensive care unit, 1983: Feb., 193, 195-203

Condyloma acuminatum, 1983: June, 369-370

Congenital diaphragmatic hernia, persistent pulmonary hypertension and, 1984: Oct., 538-542

Congenital heart disease, persistent pulmonary hypertension and, 1984: Oct., 537-538

Connecting peptide immunoreactivity, in diabetic pregnancy, 1983: Oct., 601-602

Constant positive airway pressure, in infants, deformities related to, 1984: Feb., 217

Contact factor deficiencies, 1984: June, 325 Contraception, following midtrimester abortion, 1983: June, 318

for uteroplacental insufficiency, 1982: June, 265-270 contraindications, 1982: June, 267 estriol monitoring, 1982: June, 268

Contractions, uterine, monitoring, 1983:

Feb., 244-248 Corpus luteum, function, relaxin as marker of, 1983: Oct., 646-647

steroid measurements in evaluation of, 1983: Oct., 535

gestational steroids of, 1983: Oct., 528-530

Corticotropin, human chorionic, 1983: Oct., 678-679

Corticotropin-like intermediate peptide, in the maturing fetus, 1983: Oct., 543

Corticotropin-releasing hormone, in the placenta, 1983: Oct., 562

Cortisol, serum, in diabetic pregnancy, 1983: Oct., 602-604

Cosmetic defects, in the high-risk infant, 1984: Feb., 213–226

Costs, of neonatal and obstetric equipment, 1983: Feb., 175–187, 263–279
Coumarins, for neonatal thrombosis, 1984:

Coumarins, for neonatal thrombosis, 196 June, 477

Crash carts, 1983: Feb., 192

Cross-sectional echocardiography, in diagnosis of persistent pulmonary hypertension of the newborn, 1984: Oct., 603, 637

Cryotherapy, for acute retinopathy of prematurity, 1984: Feb., 136-137

Cytomegalovirus infections, congenital hearing loss due to, 1984: Feb., 155 related to blood transfusion, 1984: Iune,

406-407

D-antigens, in Rh disease, 1984: June, 252-254

Deafness, in the high-risk infant, 1984: Feb., 153-173

Deformities, physical, in the high-risk infant, 1984: Feb., 213-226

Delivery, breech, anesthetic considerations, 1982: Feb., 77–87

anesthetic management, 1982: Feb., 131–132

cesarean, anesthesia for, 1982: Feb., 86, 89-90

injuries associated with, 1982: Feb., 78–80

vaginal, anesthesia for, 1982: Feb., 90-92

midforceps, neuropsychiatric sequelae, 1983: June, 455–460

vaginal, after cesarean birth, 1983: June, 439-453

Delivery rooms, equipment costs, 1983: Feb., 181

planning, building, and evaluating, 1983: Feb., 144

Deoxycorticosterone, in pregnancy-induced hypertension, 1983: Oct., 748

Diabetes, in pregnancy, anesthetic and obstetric management, 1982: Feb., 153–166

calcium homeostasis and, 1983: Oct.,

endocrine and metabolic homeostasis in, 1983: Oct., 593-614

insulin and diet therapy for, 1982: Feb., 157

metabolic perturbation, 1982: Feb., 154 perinatal morbidity, 1982: Feb., 155-157

White's classification, 1982: Feb., 155-156

Diagnostic techniques, prenatal. See under specific techniques and disorders.

Diamond-Blackfan anemia, 1984: June, 423-425

Diaphragm, paralysis, due to birth trauma, long-term prognosis, 1983: June, 512–513

Diazepam, for systemic analgesia during labor, 1982: Feb., 41 effect on neonatal neurobehavior, 1982:

Feb., 202 Diet, in management of diabetic pregnancy, 1982: Feb., 157

Diethylstilbestrol, effect on reproductive tract, 1983: June, 302–303

Digitalis, in management of persistent pulmonary hypertension of the newborn, 1984: Oct., 724–725

Digoxin, for acyanotic congenital heart disease, 1984: Feb., 201

Dilatation-evacuation, in midtrimester abortion, 1983: June, 313-316

Diplegia, spastic, anticipated outcome, 1984: Feb., 50

Discharge planning, in improving care of high-risk survivors, 1984: Feb., 11-12

Disseminated intravascular coagulation, 1984: June, 371

Distress, in postdate fetus, 1982: June, 382 Diuretics, in management of acyanotic congenital heart disease, 1984: Feb., 201–202

DNA analysis, in intrauterine diagnosis of hemoglobin disorders, 1984: June 295–303

Dobutamine, in managment of persistent pulmonary hypertension of the newborn, 1984: Oct., 723

Dopamine, in management of persistent pulmonary hypertension of the newborn, 1984: Oct., 686-687, 718-722 nursing implications, 1984: Oct., 686-687

Doppler echocardiography, in diagnosis of persistent pulmonary hypertension of the newborn, 1984: Oct., 637-638

Doppler ultrasound technique, for estimating cerebral blood flow, 1983: Feb., 232-236

Drug(s). See also specific agents.

effect on fetal heart rate variability, 1982: June, 345-346

effect on placental transfusion, 1982: Oct., 570-571

in induction of platelet destruction, 1984: June, 378–379

in management of short bowel syndrome in the high-risk infant, 1984: Feb., 193

ototoxic, producing congenital and neonatal deafness, 1984: Feb., 155-157

Du antigen and antibody testing, 1983: June, 352–353

Duchenne muscular dystrophy, fetal blood sampling for, 1983: June, 363

Ductus arteriosus, closure of, effect on pulmonary circulation, 1984: Oct., 584–585 Dynia factor deficiency, 1984: June, 326

Dyonics Needlescope, 1983: June, 357–358 Dysmaturity, in postdate fetus, 1982: June, 382

Ear, injuries, due to birth trauma, 1983: June, 494–495

Ebstein's anomaly, presenting as persistent pulmonary hypertension, 1984: Oct., 619-620

Echocardiography, in diagnosis of persistent pulmonary hypertension, 1984: Oct., 602–603, 634–637

Eclampsia, anesthetic management, 1982: Feb., 122-126

Edema, effect on insensible water loss, 1982: Oct., 463

in the newborn lung, 1982: Oct., 593-611 Education, in improving care of high-risk survivors, 1984: Feb., 10

Electroacoustic impedance testing, 1984: Feb., 163–164

Electrocardiogram, in diagnosis of persistent pulmonary hypertension of the newborn, 1984: Oct., 603-604, 632

Electroencephalogram, in scoring system for neonatal seizures, 1984: Feb., 176–179

Embryo, development, in in vitro fertilization, 1983: June, 288–289

Endocardial cushion defect, in infancy, 1984: Feb., 204 causing persistent pulmonary hyperten-

causing persistent pulmonary hypertension, 1984: Oct., 617–619 Endocardial fibroelastosis, causing persistent

pulmonary hypertension of the newborn, 1984: Oct., 610-612 Endocrine disorders, recurrent pregnancy

Endocrine disorders, recurrent pregnancy loss due to, 1983: June, 325

Endocrine testing, principles of, 1983: Oct., 763-765

Endocrinology, perinatal, symposium on, 1983: Oct., 525–776

Endometrium, endocrinology of, during gestation, 1983: Oct., 630–636 in nonfertile cycles, 1983: Oct., 627–630

morphometry, 1983: Oct., 531–532 steroid receptor interactions, 1983: Oct., 530–531

Enterocolitis, necrotizing, 1984: June, 373 Enzyme induction, in treatment of hyperbilirubinemia, 1984: June, 341 Epidermolysis bullosa dystrophica, fetal skin sampling for, 1983: June, 365

Epidermolysis bullosa letalis, fetal skin sampling for, 1983: June, 365

Epidural anesthesia. See Anesthesia, epidural.

Epinephrine, added to local anesthetics, 1982: Feb., 20–21, 69

Equipment, for neonatal monitoring, 1983: Feb., 189-194

neonatal and obstetric, costs, 1983: Feb., 175-187 263-279

Erythropoietin levels, in the premature infant, anemia and, 1984: Feb., 59–60

Escherichia coli. effects on the pulmonary

circulation, 1984: Oct., 596-597 Estetrol, in assessment of pregnancy, 1983:

Oct., 772
Estradiol, maternal concentrations during

early pregnancy, 1983: Oct., 534

Estriol, in assessment of pregnancy, 1983: Oct., 769–772

maternal concentrations during early pregnancy, 1983: Oct., 534

monitoring, with contraction stress testing, 1982: June, 268

Estriol values, relation to fetal movement, 1982: June, 245

Estrogen, effect of pregnancy-induced hypertension on, 1983: Oct., 749-753 in modulation of uterine blood flow, 1983: Oct., 567-570

Evoked response audiometry, 1984: Feb., 164–167

Exchange transfusion, in treatment of hyperbilirubinemia, 1984: June, 344-351

Excorporeal membrane oxygenators, in persistent pulmonary hypertension of the newborn, 1984: Oct., 729-735 future research directions, 1984: Oct.,

Eye injuries, from birth trauma, 1983: June, 492–493

severe, from birth trauma, long-term prognosis, 1983: June, 516-518

Facial palsy, due to birth injury, 1983: June, 493

Factor II deficiency, 1984: June, 321–322 Factor V deficiency, 1984: June, 319–320 Factor V and VIII deficiency, 1984: June,

Factors II, VII, IX, and X deficiency, 1984: June, 326–327

Factor VII deficiency, 1984: June, 322–323. See also Hemophilia.

Factor IX deficiency, 1984: June, 317-328 Factor X deficiency, 1984: June, 320-321 Factor XII deficiency, 1984: June, 319 Factor XII screening, in detecting cause of bleeding disorders in neonates, 1984: June. 312

Fallopian tube, tumors of, during pregnancy, 1983: June, 375-378

Families, of high-risk infants, emotional considerations, 1984; Feb., 234-241

of infants with persistent pulmonary hypertension, care of, 1984: Oct., 688-690 support of, in improving care of high-risk survivors, 1984: Feb., 10

Fanconi's anemia, 1984: June, 377, 420-422 Fertility, effect of midtrimester abortion on, 1983: June, 318

Fertilization, in vitro, 1983: June, 285-294 Fentanyl, for systemic analgesia during labor. 1982: Feb., 40

Fetal biophysical profile scoring, 1982: June,

advantages and limitations, 1982: June, 294-295

Fetal blood sampling, for hemoglobin disorders, 1984: June, 291-295 indications, 1983: June, 360-363

Fetal breathing movements, assessment, 1983: Feb., 249

Fetal circulation, 1984: Oct., 551-553 persistent. See Persistent pulmonary hypertension of the newborn.

Fetal heart rate, accelerations, 1982; June,

autonomic control, 1982: June, 325-326 baseline shifts, hypoxia and, 1982: June, 320-321

correlation with scalp blood and cord acidbase values, 1982: June, 356-360 early decelerations, 1982: June, 328 effects of epidural anesthesia, 1982: Feb., 55-62

hypoxic, 1952: June, 313-324 intrauterine behavioral states and, 1982: June, 434-136

late decelerations, hypoxia and, 1982: June, 315-317

reflex component, 1982: June, 335 Fetal heart monitors, 1983; Feb., 238-244 effect of epidural anesthesia on, 1982: Feb., 55-62

prolonged deceleration, hypoxia and, 1982: June, 319

reflex, alterations, 1982: June, 325-337 relation to fetal movement, 1982: June, 242-245

sinusoidal pattern, hypoxia and, 1982: June, 319

variability, 1982: June, 328-331, 339-352 causes, 1982: June, 340-342 clinical assessment, 1982: June, 346-347 hypoxia and, 1982: June, 317-319 increased, 1982: June, 334-335

Fetal monitoring, advantages and disadvantages, 1982: June, 399-407 current status, 1982: June, 409-422 during labor. 1982: June, 372-373 electronic, 1983: Feb., 237-252 future of, 1982: June, 433-441 in the burned pregnant patient, 1983: June, 395-396 symposium on, 1982: June, 231-450

Fetal oxygen monitoring, current status, 1982: June, 423-431

Fetal scalp blood sampling, 1982: June, 353-361

Fetal scalp platelet sampling, 1984: June,

using TpH electrode, 1982: June, 409-422 Fetal skin sampling, indications, 1983: June, 364-366

Fetal surgery, 1983: June, 399-410 Fetal visualization, fetoscopy for, 1983: June, 364

Fetoplacental blood volume, perinatal redistribution, 1982: Oct., 559-592

Fetoplacental unit, endocrine and metabolic physiology, 1983: Oct., 669-693

Fetoscopy, 1983: June, 357-367 risks, 1983: June, 360

Fetus, abnormalities in, as consideration in midtrimester abortion, 1983: June, 308 adrenal gland of, 1983: Oct., 680-681 asphyxia in, related to nonobstetric sur-

gerv. 1982: Feb., 146-147 beta-endorphin and ACTH in plasma of,

1983: Oct., 658-660 calcium homeostasis, endocrine regulation, 1983: Oct., 580-582

cardiovascular development, 1982: Feb., 177-178

distress, monitoring, in diabetic pregnancy, 1982: Feb., 157-158

effect of epidural anesthesia on, 1982: Feb., 67-69

exposure to anesthesia, during nonobstetric surgery, 1982: Feb., 144-146

growth, assessment, 1982: June, 271-284 metabolic homeostasis and, 1983: Oct., 605-610 retardation, 1982: June, 271-279

heart, autonomic control, 1982: June, 325-326

heart rate, effect of epidural anesthesia on, 1982: Feb., 55-62

hyperactivity, 1982: June, 238-239 intrauterine transfusion of, for Rh disease, 1984: June, 159-262

low birth weight, delivery, 1982: June, 374-376

monitoring, 1982: June, 363-380 lung, development, 1982: June, 298-301 accelerating, 1982: June, 368-370 testing, 1982: June, 305-309

macrosomic, 1982: June, 280–282 maturing, steroid hormones in, 1983: Oct., 535–544

maturity, determining, 1982: June, 297-312

monitoring, symposium on, 1982: June, 229–450

movement, classification, 1982: June, 234-236

monitoring, 1982: June, 231–252 in high-risk pregnancies, 1982: June, 240–248

relation to estriol values, 1982: June, 245

relation to gestational age, 1982: June, 236

relation to heart rate, 1982: June, 242–245

relation to time of day, 1982: June, 237 outcome, in mothers with uterine malformations, 1983: June, 300

pituitary, beta-endorphin in, 1983: Oct., 660–662

postdate, monitoring, 1982: June, 381–386 presentation, breech, anesthesia for, 1982: Feb., 77–87, 131–132

injuries associated with, 1982: Feb., 77-78

respiratory development, 1982: Feb., 178–179

response to hypoxia, 1982: June, 314–315 rest periods, 1982: June, 237–238 thyroid function of, 1983: Oct., 619–624

thyroid gland of, 1983: Oct. 686–688 weight, estimating, 1982: June, 365–367 well-being, endocrine assessments, 1983: Oct., 763–776

Fiberoptic technique, for measuring intracranial pressure, 1983: Feb., 225

Fibrin degradation products, in detecting cause of bleeding disorders in neonates, 1984: June, 312

Fibrinogen deficiency, 1984: June, 323–324 Fick's law, in insensible water loss, 1982: Oct., 453–455

Fluid and electrolytes. See also Fluid balance.

in low-birth-weight infants, 1982: Oct., 637-643

renal control, 1982: Oct., **523–533** symposium on, 1982: Oct., **453–657** in the newborn lung, 1982: Oct., 597

Folic acid deficiency, in mother and neonate, 1984: June, 433–459

Follicle-stimulating hormone, postpartum levels, 1983: Oct., 725–726 Fractures, facial and mandibular, due to

birth trauma, 1983: June, 493–494 of spine and pelvis, during pregnancy, 1983: June, 433–434 French angles method, of neurologic assessment, 1984: Feb., 44

Fungal infection, congenital, neurologic manifestations of, 1981: Oct., 456

Furosemide, as diuretic, 1982: Oct., 549–550

for bronchopulmonary dysplasia, 1984: Feb., 108–109

Gas exchange, neonatal ventilators and, 1983: Feb., 205–208

Gastroesophageal reflux, apnea and, 1984: Feb., 92-93

Gastrointestinal system, disorders, associated with nonimmune hydrops fetalis, 1982: Oct., 616

in treatment of hyperbilirubinemia, 1984:
June, 342–343

maternal adaptations during pregnancy, 1982: Feb., 141–143

Gastroschisis, perinatal management, 1983: June, 403

Gene mapping, in intrauterine diagnosis of hemoglobin disorders, 1984: June, 295–298

Genetic counseling, in prenatal diagnosis of hemoglobin disorders, 1984: June, 289–290

Genetic disorders, recurrent pregnancy loss due to, 1983: June, 324

Gestation, length, determining, 1982: June, 365–367

multiple, anesthetic management, 1982: Feb., 131-132

Gestational age, effect on insensible water loss, 1982: Oct., 458-460

size for, effect on insensible water loss, 1982: Oct., 460

Gestational disorders, associated with nonimmune hydrops fetalis, 1982: Oct., 618–620

 Gibbs-Donnan equilibrium, for colloid-osmotic pressure, 1982: Oct., 507–511
 Glaucoma, due to cicatricial retrolental fi-

broplasia, 1984: Feb., 140 Glomerular filtration rate, autoregulation of, for sodium in newborn, 1982: Oct., 551

in newborn, 1982: Oct., 524-525 Glomerulotubular balance, of sodium, in neonates, 1982: Oct., 550-551

Glucagon, immunoreactive, in diabetic pregnancy, 1983: Oct., 602

Glycogen storage disease, type II, presenting as persistent pulmonary hypertension, 1984: Oct., 612-615

Glycoprotein, SP₁, in assessment of pregnancy, 1983: Oct., 766–767 Gonad, fetal, 1983: Oct., 680–681 Gonadotropin, human chorionic, 1983: Oct., 672–675

in assessment of pregnancy, 1983: Oct., 765–766

in the fetoplacental unit, 1983: Oct., 680–681

Gram-negative organisms, effects on the pulmonary circulation, 1984: Oct., 596-597

Granulomatous disease, chronic, fetal blood sampling for, 1983: June, 362

Growth, head, in high-risk infants, neurologic sequelae and, 1984: Feb., 29-31 in infants with continuing compromise, 1984: Feb., 31-34

in the high-risk infant, 1984: Feb., 19-40 office assessment, 1984: Feb., 34-37

in the infant with short bowel syndrome, 1984: Feb., 195

intrauterine, deficient, 1984: Feb., 27–29 neonatal, effect on hemoglobin levels, 1984: June, 496

of fetus, assessment, 1982: June, 271-284 Gut, short, in the high-risk infant, 1984: Feb., 189-197

Harlequin ichthyosis, fetal skin sampling for,

1983: June, 364–365 Hearing evaluation, of the high-risk infant, 1984: Feb., 153–173

Heart disease, congenital, in the high-risk infant, 1994: Feb., 14, 199–212 acyanotic, 1984: Feb., 200–206 cyanotic, 1984: Feb., 206–212

persistent pulmonary hypertension and, 1984: Oct., 537–538

Heart rate, fetal. See Fetal heart rate.
Heat shielding, for infants under radiant warmers, 1982: Oct., 492–498

Hematologic disorders, associated with nonimmune hydrops fetalis, 1982: Oct., 614

Hematopoiesis, failure of, congenital, in neonate, 1984: June, 417-431 Hemangioma, giant, consumptive coagulop-

athy due to, 1984: June, 372

Hemiparesis, spastic, anticipated outcome, 1984: Feb., 50

Hemoglobin, abnormal, 1984: June, 285 Hemoglobin disorders, 1984: June, 285–288 fetal blood sampling for, 1983: June, 360–361

intrauterine diagnosis, 1984: June, 283–308

Hemoglobin genes, normal, 1984: June, 283-285

Hemoglobin S, rationale for intrauterine diagnosis, 1984: June, 288 Hemophilia, AIDS associated with, 1984: June, 330

Hemorrhage, following blood transfusion, 1984: June, 410-411

intracranial, as birth injury, 1983: June,

obstetric, anesthesia for, 1982: Feb., 117 postpartum, anesthetic considerations, 1982: Feb., 121–122

subgaleal, as birth injury, 1983: June, 490 Hemorrhagic disorders, in neonates, 1984: June, 309–317

Hemostasis, role of platelets in, 1984: June, 359–361

Heparin, for neonatal thrombosis, 1984: June, 476–477

Hepatic disorders, associated with nonimmune hydrops fetalis, 1982: Oct., 616

Hepatitis, post-transfusion, 1984: June, 329, 405–406

Heritable disorders, associated with nonimmune hydrops fetalis, 1982: Oct., 617

Hernia, diaphragmatic, congenital, persistent pulmonary hypertension and, 1984: Oct., 538–542

Herpes virus, congenital hearing loss due to, 1984: Feb., 155

High-risk diagnostic unit, planning and building, 1983: Feb., 13-14

High-risk infant, continuing care of, 1984: Feb., 3-244

Histamine, effects on the pulmonary circulation, 1984 Oct., 557

Home monitoring, for apnea, in the highrisk infant, 1984: Feb., 15, 85-100

Home monitoring devices, 1984: Feb., 97–98

Homeorrhesis, in the high-risk infant, 1984: Feb., 25

Hormone(s), hypothalamic-like releasing, of the placenta, 1983: Oct., 553-566

peptide, effect of pregnancy-induced hypertension on, 1983: Oct., 753–754 polypeptide, 672–681

protein, effect of pregnancy-induced hypertension on, 1983: Oct., 753-754 steroid, gestational changes in, 1983:

Oct., 527–552 Hormone-renal interaction, in body fluid regulation in newborn infant, 1982: Oct., 535–557

Human chorionic corticotropin, 1983: Oct., 678-679

Human chorionic gonadotropin, 1983: Oct., 672–675

in assessment of pregnancy, 1983: Oct., 765-766

Human chorionic gonadotropin releasing hormone, in the placenta, 1983: Oct., 555–559 Human chorionic somatomammotropin, 1983: Oct., 675–678

Humoral agents, effects on the pulmonary circulation, 1984: Oct., 556-560

Hydrocephaly, fetal, perinatal management, 1983: June, 401–402

Hydrops fetalis, in utero diagnosis, 1982: Oct., 627-636

nonimmune, conditions associated with, 1982: Oct., 613–625

perinatal management, 1983: June, 402 17α-Hydroxyprogesterone, maternal concentrations in early pregnancy, 1983: Oct., 534

Hyperbilirubinemia, 1984: June, 339–357 Hyperkeratosis, epidermolytic, fetal skin sampling for, 1983: June, 365

Hypersplenism, thrombocytopenia due to, 1984: June, 379

Hypertension, persistent pulmonary of the newborn. See Persistent pulmonary hypertension of the newborn.

pregnancy-induced, anesthesia for, 1982: Feb., 95-111, 122-126

cardiovascular resuscitation, 1982: Feb., 102–103

classification and diagnosis, 1982: Feb., 97–98

endocrinology of, 1983: Oct., 737–761 pathophysiology, 1982: Feb., 98–100 preventing convulsions, 1982: Feb., 100–101

preventing intracranial hemorrhage, 1982: Feb., 101–102

termination of pregnancy, 1982: Feb., 103-104

Hyperventilation, mechanical. See Ventilation, mechanical.

Hypothalamic-like releasing hormones of the placenta, 1983: Oct., 553–566
Hypothalamic-pituitary-ovarian axis, in the

puerperium, 1983: Oct., 728–730 Hypotonia, in the high-risk infant, 1984:

Feb., 46–47 anticipated outcome, 1984: Feb., 50 Hypoxemia, effect on the pulmonary circula-

tion, 1984: Oct., 555-556 Hypoplastic left heart syndrome, causing persistent pulmonary hypertension,

1984: Oct., 610
Hypoxia, effects of, 1982: June, 313–314
on cerebral blood flow, 1984: Oct., 676
on fetal heart rate variability, 1982:
June, 343–345

fetal heart rate patterns associated with, 1982: June, 313-324

response of fetus, 1982: June, 314–315 Hypoxia, thrombocytopenia associated with, 1984: June, 379 Iatrogenic factors, in development if anemia in the premature infant, 1984: Feb., 63–64

Ichthyosis, harlequin, fetal skin sampling for, 1983: June, 364–365

Immune response, suppression of, for Rh immunization, 1984: June, 263-264

Immune thrombocytopenia, 1984: June, 364Immunization, of premature infants, 1984:Feb., 13, 73–84

Immunologic disorders, recurrent pregnancy loss due to, 1983: June, 325

Incubators, descriptions and prices, 1983: Feb., 263–264

double-walled, effect of insensible water loss, 1982: Oct., 466

transport, descriptions and prices, 1983: Feb., 265

Indomethacin, effects on pulmonary circulation, 1984: Oct., 568-569, 582-587

Infant. See *Neonate* and under specific disorders and procedures.

Infection, congenital, associated with nonimmune hydrops fetalis, 1982: Oct., 617–618

due to burns, in pregnant patient, 1983: June, 389–390

platelet destruction due to, 1984: June, 374–375

transmitted by blood components, 1984: June, 404–408

Infertility, disordered endometrial receptors and, 1983: Oct., 532

tubal, in vitro fertilization and, 1983: June, 286–287 Infusion controllers and pumps, 1983: Feb.,

192 Infusion numes descriptions and prices

Infusion pumps, descriptions and prices, 1983: Feb., 275–278

Insensible water loss, in newborn, 1981: June, 246, 254; 1982: Oct., 453–482 radiant warmers and, 1982: Oct., 472, 475, 483–503

Inspired oxygen concentration monitors, descriptions and prices, 1983: Feb., 274

Insulin, in management of diabetic pregnancy, 1982: Feb., 157

Intensive care unit, neonatal. See Neonatal intensive care unit.

Intestinal resection, in the high-risk infant, 1984: Feb., 189–197

Intracranial monitoring, in neonatal intensive care, 1983: Feb., 223-236

Intracranial pressure, noninvasive determination of, 1983: Feb., 225-231

Intrauterine fetal transfusion, for Rh disease, 1984: June, 259–262

Intrauterine growth retardation, 1984: Feb., 27-29

Intrauterine growth retardation, (Continued) effect on placental transfusion, 1982: Oct.,

Invasive monitoring, of labor, 1982: Feb., 8-10

In vitro fertilization, 1983: June, 285-294 Isoproterenol, in management of persistent pulmonary hypertension of the newborn, 1984: Oct., 697, 723-724

Jaundice, in breast-fed infants, 1984: June, 352-355

Ketamine, for systemic analgesia during labor, 1982: Feb., 41

Kidney. See also Renal.

newborn, concentrating capacity, 1982: Oct., 527, 528, 546-547 diluting capacity, 1982: Oct., 528, 546-547

prostaglandins and, 1982: Oct., 543-544 sodium and water transport in, 1982: Oct., 535-536

Kostmann's syndrome, 1984: June, 425-426

Labor, abnormalities, in the obese mother, 1983: June, 412-414

analgesia during, 1982: June, 373-374 and delivery. See also Parturition and

asphyxia in, 1982: June, 313-314 fetal monitoring during, 1982: June, 372-373

in diabetic patient, glucose and insulin therapy during, 1982: Feb., 159-161 invasive monitoring, 1982: Feb., 8-10 pain relief, 1982: Feb., 6-8 positioning of parturient, 1982: Feb., 3-6

pregnancy-induced hypertension and, anesthetic management, 1982: Feb., 104-106

premature, anesthetic management, 1982: Feb., 126-131

causes, 1982: June, 363-364 effect on fetus, 1982: June, 370-371 inhibition, 1982: June, 367-368 resulting from nonobstructive surgery, 1982: Feb., 147-150

systemic analgesia during, 1982: Feb., 29-53

Laboratory, perinatal, planning, building, and evaluating, 1983: Feb., 145

Labor-delivery-recovery room, equipment costs, 1983: Feb., 183-186 planning, building, and evaluating, 1983:

Feb., 16-19, 49-59

Labor-delivery rooms, planning, building, and evaluating, 1983: Feb., 97-98, 114-115

Labor rooms, equipment costs, 1983: Feb.,

planning, building, and evaluating, 1983: Feb., 143-144

Labor trial, in woman with prior cesarean section, 1983: June, 440-445

Lactation, in midtrimester abortion, 1983: June, 318-319

Lactogen, human placental, in assessment of pregnancy, 1983: Oct., 766-767

Laminaria tents, in midtrimester abortion, 1983: June, 311

Lecithin-sphingomyelin ratio, for testing fetal pulmonary maturity, 1982: June,

Left ventricular dysfunction, persistent pulmonary hypertension of the newborn and. 1984: Oct., 630

Left ventricular outflow, obstructions to, beyond the mitral valve, causing persistent pulmonary hypertension of the newborn, 1984: Oct., 615

Leg cramps, in pregnancy, due to serum calcium imbalance, 1983: Oct., 586

Leiomyoma, of uterus, during pregnancy, 1983: June, 373-375

Leukemia, congenital, thrombocytopenia associated with, 1984: June, 378

Leukotrienes, effects on the pulmonary circulation, 1984: Oct., 559-560

for persistent pulmonary hypertension of the newborn, 1984: Oct., 574-575 future research directions, 1984: Oct., 747-748

Living-in nursery, 1983: Feb., 120 Lung, fetal, development, 1982: June, 298-301

injury to, from mechanical ventilation, in infants with persistent pulmonary hypertension, 1984: Oct., 653-666

newborn, edema formation in, 1982: Oct., 593-611

fluid balance in, 1982: Oct., 597-598 Lung scanning, in diagnosis of neonatal

thrombosis, 1984: June, 475 Luteinizing hormone, maternal, postpartum levels, 1983: Oct., 725-726

Macrosomia, effect on placental transfusion, 1982: Oct., 575

in postdate fetus, 1982: June, 382

Malformations, due to folate deficiency in pregnancy, 1984: June, 443

Mannitol, in newborn, 1982: Oct., 550 in treatment of intracranial pressure, 1983: Feb., 229–231

Maternal perception, in monitoring fetal movement, 1982: June, 231–232 Mechanical ventilation. See Ventilation, me-

chanical.

Meconium aspiration, in postdate fetus, 1982: June, 382

persistent pulmonary hypertension as complication, 1984: Oct., 536-537 treatment, 1982: Feb., 188-189

α-Melanocyte stimulating hormone, in the maturing fetus, 1983: Oct., 543

Meperidine, effects on fetal acid-base balance, 1982: Feb., 44-45

effects on neonatal respiration, 1982: Feb., 45–47 effects on uterine activity, 1982: Feb.,

43–44 for systemic analgesia during labor, 1982:

Feb., 34–39 Metabolic disorders, fetal blood sampling for, 1983: June, 363

Microcentrifuge. 1983: Feb., 192

Microcephaly, amegakaryocytic thrombocytopenia with, 1984: June, 376

Midforceps delivery, neuropsychiatric sequelae, 1983: June, 455-460

Midtrimester abortion, 1983: June, 305–320 Milani-Comparetti and Gidoni method, of neurologic assessment, 1984: Feb., 43–44

M-mode echocardiography, in diagnosis of persistent pulmonary hypertension of the newborn, 1984: Oct., 602, 634–637

Monitoring. See Fetal Monitoring. Monitors. See also specific type, e.g., Blood

pressure monitors. fetal, electronic, 1983: Feb., 237-252

fetal, electronic, 1983; Feb., 237–252 intracranial, in neonatal intensive care, 1983; Feb., 223–236 neonatal, 1983; Feb., 189–194

Monoparesis, of infancy, anticipated outcome, 1984: Feb., 50

Morphine, for systemic analysis during la

Morphine, for systemic analgesia during labor, 1982: Feb., 40

Motor dysfunction, of infancy, 1984: Feb.,

Müllerian malformations, effect on future pregnancies, 1983: June, 295–304, 324

Myopathic left ventricular disease, causing persistent pulmonary hypertension, 1984: Oct., 610-615

Myopia, due to a cicatricial retrolental fibroplasia, 1984: Feb., 138 Naloxone, as narcotic antagonist in obstetrics, 1982: Feb., 204

effect on neonatal neurobehavior, 1982: Feb., 205

Narcotics, obstetric, effect on neonatal neurobehavior, 1982: Feb., 202-204 epidural, 1982: Feb., 170-172 effect on neonatal neurobehavior,

1982: Feb., 206 for postoperative analgesia, 1982: Feb.,

173–174 intraspinal, 1982: Feb., 167–175

side effects, 1982: Feb., 172 intrathecal, 1982: Feb., 168–170 side effects, 1982: Feb., 172

subarachnoid, effect on neonatal neurobehavior, 1982: Feb., 206

Nasal injuries, due to birth trauma, longterm prognosis, 1983: June, 518

Nasotracheal intubation, in infants, deformities related to, 1984: Feb., 215–216 Neck injuries, due to birth trauma. 1983:

Neck injuries, due to birth trauma, 1983: June, 495–498

Necrotizing enterocolitis, 1984: June, 373 Neonatal intensive care unit, computers in, 1983: Feb., 125, 195–203

costs per admission, data on, 1983: Feb., 40-42

equipment costs, 1983: Feb., 175-187 facilities and design, data on, 1983: Feb., 37-39

planning, building, and evaluating, 1983: Feb., 23–29, 63–69, 91–92, 99–101, 111–112, 118–120, 127–140, 153–165 staffing, data on, 1983: Feb., 36–37 transport services, data on, 1983: Feb.,

39–40 typical, 1983: Feb., 32–35

Neonatal monitoring equipment, 1983: Feb., 189–194

Neonatal respirators, 1983: Feb., 205-221 descriptions and prices, 1983: Feb., 271-274

Neonate. See also under specific disorders and procedures.

Neonate(s), anemia in, assessment of, 1984: June, 489-510

asphyctic, 1983: June, 473–486 body water homeostasis in, 1982: Oct., 453–657

calcium homeostasis in, endocrine regulation, 1983: Oct., 582–583

depression, causes, 1982: Feb., 181–182 effect of obstetric anesthesia on, 1982: Feb., 67–69, 198–202, 206

failure of hematopoiesis of, 1984: June, 417-431

fluid balance in, symposium on, 1982: Oct., 453–657 Neonate(s), (Continued)

folate metabolism in, 1984: June, 446-447 high-risk, continuing care of, 1984: Feb.,

physician readiness for, 1984: Feb., 3-17

inherited bleeding disorders in, 1984: June, 309-317

insensible water loss in, 1982: Oct., 453-482

kidney. See *Kidney*, newborn. low-birth-weight, fluid and electrolyte therapy in, 1982: Oct., 637-643

neurobehavior, effect of obstetric anesthesia, 1982: Feb., 191–214 significance of alterations, 1982: Feb., 208–211

persistent pulmonary hypertension of, symposium on, 1984: Oct., 515-575 premature, placental transfusion in, 1982:

Oct., 574 pulmonary edema in, 1982: Oct., 606 pulmonary edema in, 1982: Oct., 593-611

resuscitation, 1982: Feb., 177-190 drugs used in, 1982: Feb., 186-187 equipment, 1982: Feb., 186 technique, 1982: Feb., 182

shock in, 1982: Feb., 187–188 thermoregulation, 1982: Feb., 179–181 thrombocytopenia in, 1984: June, 359–391 thrombotic disease in, 1984: June, 461–488

TpH monitoring in, 1982: June, 420–421 traumatized, immediate management, 1983: June, 487–505

long-term prognosis, 1983: June, 507–520

very-low-birth weight, under radiant warmer, insensible water loss in, 1982: Oct., 490-492

vitamin B_{12} deficiency in, 1984: June, 450–451

vitamin E deficiency anemia in, 1984: June, 393-402

Neoplasms, congenital, associated with nonimmune hydrops fetalis, 1982: Oct., 616 Neural tube defect, due to folate deficiency

in pregnancy, 1984: June, 443-445 Neurobehavior, of neonate, effect of obstetric anesthesia, 1982: Feb., 191-214

Neurohypophyseal system, maternal-fetal, 1983: Oct., 695-707

Neurologic abnormalities, identifying infants at risk for, 1994: Feb., 53-56 in infancy, correlation with later abnormalities, 1994: Feb., 51-53

Neurologic assessment, of the high-risk infant, personnel and methods, 1984: Feb., 42–45 Neurologic development, of the high-risk infant, 1984: Feb., 13, 41-58

of infants with bronchopulmonary dysplasia, 1984: Feb., 111-112

of the infant with short bowel syndrome, 1984: Feb., 195

Neutropenia, severe congenital, 1984: June, 425-426

NICU. See Neonatal intensive care unit. Nitroprusside, for persistent pulmonary hypertension of the newborn, 1984: Oct., 696-697

Nonstress test, fetal, 1982: June, 253–263 frequency, 1982: June, 257–258 indications, 1982: June, 256–257 instrumentation, 1992: June, 256 predictive value, 1982: June, 257

Nuclear medicine procedures, in diagnosis of persistent pulmonary hypertension of the newborn, 1984: Oct., 633–634

Nurseries, equipment for, 1983: Feb., 263-279

planning, building, and evaluating, 1983: Feb., 19–22, 61–72

Nurses, home-visiting, in care of high-risk survivors, 1984: Feb., 10-11

Nursing care, for the infant with persistent pulmonary hypertension, 1984: Oct., 681-692

Nutrition, effect on anemia in premature infant, 1984: Feb., 61-63

in burned pregnant patient, 1983: June, 390

in follow-up of bronchopulmonary dysplasia, 1984: Feb., 110-111

in management of short bowel syndrome in the high-risk infant, 1984: Feb., 192–193

postpartum, effect on insensible water loss, 1982: Oct., 462

Obese pregnant patient, surgery for, 1983: June, 411-421

Obstetrics, anesthesia and analgesia in, symposium on, 1982: Feb., 1-227 operative, symposium on, 1983: June, 283-523

ultrasound in, 1983: Feb., 253-261 Obstetrics unit, equipment costs, 1983:

Feb., 175–187 planning, building, and evaluating, 1983: Feb., 14–19, 73–86, 112–114, 141–151,

Feb., 14-19, 73-86, 112-114, 141-151

typical, 1983: Feb., 42–46

Oligohydramnios, in postdate fetus, 1982: June, 382

pulmonary hypoplasia and, 1984: Oct., 542 Omphalocele, perinatal management, 1983: June, 403

Oocyte recovery, in in vitro fertilization, 1983: June, 287

Operating-delivery room, planning, building, and evaluating, 1983: Feb., 115–116

Orotracheal intubation, in infants, deformities related to, 1984: Feb., 216-217

Orthopedic injuries, due to birth trauma, 1983: June, 501–502

Ovary, tumors of, during pregnancy, 1983: June, 376–378

Oximetry, for diagnosis of persistent pulmonary hypertension, 1984: Oct., 602

Oxygen, analyzers and controllers, 1983: Feb., 192

in pathogenesis of retinopathy of prematurity, 1984: Feb., 124-127

maternal administration, effect on fetus, 1982: June, 426–430 monitoring, fetal, 1982: June, 423–431

transport to fetus, 1982: June, 423–431
Oxygenation, extracorporeal membrane, for

Oxygenation, extracorporeal membrane, to persistent pulmonary hypertension of the newborn, 1984: Oct., 729–735

Oxygen tension, effect on the pulmonary circulation, 1984: Oct., 555-;556

Oxygen toxicity, from mechanical ventilation, in infants with persistent pulmonary hypertension, 1984: Oct., 653-672

Oxytocin, in midtrimester abortion, 1983: June, 311

in the puerperium, 1983: Oct., 730-731 secretion and control, 1983: Oct., 697-699

Pain, pathways and perception, 1982: Feb., 29-30

relief of during labor, 1982: Feb., 6-8 Palsy, cerebral, in infancy, 1984: Feb.,

Pancuronium, for persistent pulmonary hypertension of the newborn, nursing implications, 1984: Oct., 686-687

Parathyroid diseases, in pregnancy, calcium homeostasis and, 1983: Oct., 584-585

Parents, of infants with neurologic abnormalities, discussion with, 1984: Feb., 47–48

of infants with persistent pulmonary hypertension, care of, 1984: Oct., 688-690 of premature infants, emotional considera-

tions, 1984: Feb., 15, 234-241 Partial thromboplastin time (PTT), for detecting coagulation factor deficiencies in neonates, 1994: June, 312 Parturition, endocrine regulation of, 1983: Oct., 709-721

steroid hormones in, 1983: Oct., 545-548 Patent ductus arteriosus, in infants, 1984: Feb., 203

Patient flow, in a perinatal center, 1983: Feb., 122–124

Pediatricians, readiness to handle problems of high-risk infants, 1984: Feb., 3-17

Perinatal center. See also Neonatal intensive care unit; Nurseries, Obstetrics unit. building, 1983: Feb., 9-30

innovative planning of, symposium on 1983: Feb., 3–279

planning, 1983: Feb., 3-8

planning, building and evaluating, 1983: Feb., 87–94, 95–108, 109–126

typical, 1983: Feb., 31-47

Persistent pulmonary hypertension of the newborn, cardiotonic therapy for, 1984: Oct., 715–728

clinical profile of, 1984: Oct., 628–630 developmental follow-up, 1984: Oct., 737–744

extracorporeal membrane oxygenators in, 1984: Oct., 729–735

future research directions, 1984: Oct., 745-755

idiopathic, 1984: Oct., 533–536 inhibition of prostaglandin synthesis in, 1984: Oct., 581–589

mechanical ventilation for, 1984: Oct., 641-652

noninvasive assessment of, 1984: Oct., 627-640

nursing care for, 1984: Oct., 681-692 pathophysiology, classification, and etiology, 1984: Oct., 517-524

structural basis, 1984: Oct., 525–549 structural cardiovascular abnormalities presenting as, 1984: Oct., 601–605 symposium on, 1984. Oct., 515–755

Pfannenstiel incision, vs. midline, in massively obese mothers, 1983: June, 417–418

pH monitoring, 1983: Feb., 191

Phosphatidylglycerol analysis, for testing fetal pulmonary maturity, 1982: June, 306–308

Phototherapy, effect on insensible water loss, 1982: Oct., 466

in treatment of hyperbilirubinemia, 1984:
June, 343–344

Phototherapy equipment, 1983: Feb., 192 descriptions and prices, 1983: Feb., 278–279

Placenta, abruptions, anesthetic considerations, 1982: Feb., 119-121 Placenta (Continued)

as a neuroendocrine organ, 1983: Oct., 597-600

beta-endorphin in, 1983: Oct., 662-663

calcium transfer in, endocrine regulation, 1983: Oct., 580

disorders of, associated with nonimmune hydrops fetalis, 1982: Oct, 618

hypothalamic-like releasing hormones of, 1983: Oct., 553-566

in maintenance and regulation of the fetal zone, 1983: Oct., 543

well-being, endocrine assessments, 1983: Oct., 763-766

Placental transfusion, 1982: Oct., 559–592 effects of, 1982: Oct., 575–585 physiologic determinants, 1982: Oct.,

565-569

Placenta previa, anesthetic management, 1982: Feb., 117-119

Plasmapheresis, for Rh immunization, 1984: June, 264

Platelets, count, in detecting cause of bleeding disorders in neonates, 1984: June, 312

destruction, drug-induced, 1984: June, 379

role in hemostasis, 1984: June, 359–361 Plethysmography, in diagnosis of neonatal thrombosis, 1984: June, 475

Polycythemia, congenital, associated with thrombocytopenia, 1984: June, 373

Pompe's disease, causing persistent pulmonary hypertension of the newborn, 1984: Oct., 612-615

Positioning, during labor, 1982: Feb., 3–6Postdate fetus, intrapartum monitoring and management, 1982: June, 381–386

Postnatal age, effect on insensible water loss, 1982: Oct., 460-461

Postpartum period, neuroendocrine control, 1983: Oct., 723-736

Postpericardiotomy syndrome, in infants, 1984: Feb., 210 Posture, effect on insensible water loss,

Posture, effect on insensible water loss, 1982: Oct., 463

Preeclampsia, anesthesia for, 1982: Feb., 95-111, 122-126 Pregnancy, abdominal trauma during, 1983:

June, 423–438

ACTH-beta-endorphin in, 1983: Oct., 653-667

advanced, steroid hormones in, 1983: Oct., 535-544

burns and, 1983: June, 383–398 calcium homeostasis during, endocrine regulation of, 1983: Oct., 575–592

changes in steroid hormones during, 1983: Oct., 527-552

diabetic, endocrine and metabolic homeostasis in, 1983: Oct., 593-614

early, fetal placental steroid production in, 1983: Oct., 532-535

ectopic, anti-D immune globulin following, 1983: June, 345-346

effect of uterine anomalies on, 1983: June, 295-304

endometrial hormone production during, 1983: Oct., 630-636

folate deficiency in, 1984: June, 438–446 folate metabolism in, 1984: June, 436–438 fractures of spine and pelvis during, 1983:

June, 433–434 fuel hormone balance during, 1982: Feb., 153–154

gynecologic tumors during, 1983: June, 369-383

hypertension of, endocrinology of, 1983: Oct., 737-761

loss of, recurrent, causes of, 1983: June, 323-328

maternal adaptations during, effect on anesthesia, 1982: Feb., 113-117, 136-143

maternal disorders in. See under specific disorders, as *Diabetes*.

maternal-fetal thyroid function in, 1983: Oct., 615-626

nonobstetric surgery during, anesthesia for, 1982: Feb., 135-152

physiologic anemia of, 1984: June, 435 RH-sensitized antenatal management, 1984: June, 251-281

uterine blood flow in, endocrine modulation of, 1983: Oct., 567-573

vitamin B₁₂ deficiency in, 1984: June, 448-450

Prematurity, due to folate deficiency in pregnancy, 1984: June, 442-443

Primitive reflex method, of neurologic assessment, 1984: Feb., 44-45

Priscoline, for persistent pulmonary hypertension of the newborn, 1984: Oct., 695

implications for nursing, 1984: Oct., 685–686

pharmacology of, 1984: Oct., 703-713 Progesterone, effect of pregnancy-induced hypertension on, 1983: Oct., 748-749

in assessment of pregnancy, 1983: Oct., 768

influence on uterine blood flow, 1983: Oct., 570–571

maternal concentrations during early pregnancy, 1983: Oct., 533-534

Prolactin, endometrial, during gestation, 1983: Oct., 631-635

in nonfertile cycles, 1983: Oct., 628-630

in the maturing fetus, 1983: Oct., 543 maternal, postpartum levels, 1983: Oct., 725

myometrial, during gestation, 1983: Oct., 635-636

serum, in diabetic pregnancy, 1983: Oct., 604–605

Prostacyclin, infusions, effects on pulmonary circulation, 1984: Oct., 571–572

Prostaglandins, D₂, infusions, effects on pulmonary circulation, 1984: Oct., 572–573

E series, infusions, effects on the pulmonary circulation, 1984: Oct., 570 effects on the pulmonary circulation,

1984: Oct., 558–560, 696 future research directions, 1984: Oct., 746–747

F series, infusions, effects on the pulmonary circulation, 1984: Oct., 570-571

in body fluid regulation in newborn infant, 1982: Oct., 542-544

in induction of midtrimester, abortion, 1983: June, 311–312

in nonfertile cycles, 1983: Oct., 627–628 production during gestation, 1983: Oct., 630–631

related compounds and, effects on the pulmonary circulation, 1984: Oct., 565-579

in pregnancy-induced hypertension, 1983: Oct., 746-748

synthesis inhibition, in persistent pulmonary hypertension of the newborn, 1984: Oct., 581-589

Protein binding, and placental transfer of local anesthetics, 1982: Feb., 16-22, 31

Prothrombin time (PT), for detecting coagulation factor deficiencies in neonates, 1984: June, 312

Pseudomonas aeruginosa, effects on the pulmonary circulation, 1984: Oct., 596-597

Pseudostrabismus, due to cicatricial retrolental fibroplasia 1984: Feb., 138

Pulmonary circulation, at birth, 1984: Oct., 553-554

effect of group B streptoccoccus on, 1984: Oct., 591-599

effects of prostaglandins and related compounds on, 1984: Oct., 565-579

maladaptation, 1984: Oct., 532–533 normal development, 1984: Oct., 527–532 postnatal, 1984: Oct., 554–555

Pulmonary disorders, associated with nonimmune hydrops fetalis, 1982: Oct., 615-616

Pulmonary hypertension, neonatal, symposium on, 515-755

Pulmonary hypoplasia, persistent pulmonary hypertension and, 1984: Oct., 538–545 Pulmonary vascular bed, excessive muscularization, persistent pulmonary hypertension and, 1984: Oct., 533-538

underdevelopment of, persistent pulmonary hypertension and, 1984: Oct., 538–545

Pulmonary vascular resistance. See Vascular resistance, pulmonary.

Pulmonary vasodilator therapy, in persistent pulmonary hypertension of the newborn, 1984: Oct., 693-701

Pulmonary venous return, obstruction to, causing persistent pulmonary hypertension of the newborn, 1984: Oct., 604-610

Purpura, thrombocytopenic, idiopathic, pregnant patient with, 1984: June, 367

thrombotic, 1984: June, 372

Radiant energy, effect on insensible water loss, 1982: Oct., 466-467

Radiant warmers, descriptions and prices, 1983: Feb., 264–265

effect on insensible water loss, 1982: Oct., 472, 475, 483-503

Radiograph, chest, in diagnosis of persistent pulmonary hypertension of the newborn, 1984: Oct., 633

Radiography equipment, 1983: Feb., 192
Radionuclide angiography, in diagnosis of

neonatal thrombosis, 1984: June, 475 Radiotelemetry, for fetal monitoring, 1983: Feb., 249

Rapid surfactant tests, for fetal pulmonary maturity, 1982: June, 308–309

Recovery rooms, equipment costs, 1983: Feb., 181

planning, building, and evaluating, 1983: Feb., 116, 145

Relaxin, 1983: Oct., 641-651

Renal. See also Kidney.

Renal agenesis, pulmonary hypoplasia and, 1984: Oct., 542

Renal disorders, associated with nonimmune hydrops fetalis, 1982: Oct., 616

Renal-hormonal interaction, in body fluid regulation in the newborn, 1982: Oct., 535-557

Renal perfusion scan, in diagnosis of neonatal thrombosis, 1984: June, 475

Renin, in pregnancy-induced hypertension, 1983: Oct., 738-741

Renin-angiotensin-aldosterone, effect of pregnancy-induced hypertension on, 1983: Oct., 737-746 Renin-angiotensin-aldosterone (Continued)

in newborn, in body fluid regulation, 1982: Oct., 537–542

Respirators, neonatal, 1983: Feb., 205–221 descriptions and prices, 1983: Feb., 271–274

Respiratory distress syndrome, effect on insensible water loss, 1982: Oct., 463 testing, 1982: June, 301–305

Respiratory pattern, neonatal ventilators and, 1983: Feb., 205-208

Respiratory system, maternal adaptations during pregnancy, 1982: Feb., 136-140 Respiratory water loss, in neonates, 1982:

Oct., 454–456

Resuscitation, of neonate, 1982: Feb., 177–190

drugs used in, 1982: Feb., 186–187 equipment, 1982: Feb., 186 technique, 1982: Feb., 182

Resuscitation room, planning, building, and evaluating, 1983: Feb., 117–118

Retina, breaks in, due to cicatricial retrolental fibroplasia, 1984: Feb., 140

detachment, late, due to cicatricial retrolental fibroplasia, 1984: Feb., 138 displacement of, due to cicatricial retro-

lental fibroplasia, 1984: Feb., 140 Retinopathy of prematurity, 1984: Feb.,

123–151 active, 1984: Feb., 130–132 cicatricial, 1984: Feb., 133–134 congenital, 1984: Feb., 134 regression of, 1984: Feb., 132–134 risk factors, 1984: Feb., 128–130

Retrolental fibroplasia, blindness due to, development of child with, 1984: Feb., 143–147

in the high-risk infant, 1984: Feb., 14. See also under Retinopathy of prematurity.

Rh factor, in preventing Rh hemolytic disease, 1984: June, 251-252

Rh immune globulin, antepartum, 1983: June, 343-355

cost-benefit analysis, 1983: June, 350-351 Rh immunization, antenatal management,

1984: June, 251–266
antenatal prophylaxis, cost-effectiveness,

1984: June, 267–281 due to midtrimester abortion, 1983: June,

Rh phenotyping, fetal blood sampling for, 1983: June, 363

Right ventricular dysfunction, pulmonary hypertension and, 1984: Oct., 630

Rubella, congenital hearing loss due to, 1984: Feb., 155

Salicylates, effects on pulmonary circulation, 1984: Oct., 582–587

Sarcoma, of uterus, during pregnancy, 1983: June, 375

Scalp blood sampling, fetal, 1982: June, 353–361

using TpH electrode, 1982: June, 409–422

Schwachman-Diamond syndrome, 1984: June, 422-423

Seizures, apnea and, 1984: Feb., 91 in the high-risk infant, 1984: Feb., 14, 175–188

Serotonin, effects on the pulmonary circulation, 1984: Oct., 558

Shock, neonatal, 1982: Feb., 187-188

Short bowel syndrome, in the high-risk infant, 1984: Feb., 14, 189–197

Shunting, in cardiovascular persistent pulmonary hypertension of the newborn, 1984: Oct., 602

obligatory, causing persistent pulmonary hypertension of the newborn, 1984: Oct., 615–616

Sickle cell disease, diagnosis by gene mapping, 1984: June, 298-301

screening for parents, 1984: June, 290 Skull fracture, as birth injury, 1983: June, 490-491

> severe, long-term prognosis, 1983: June, 515-516

Soft tissue injuries, in neonates, due to birth trauma, 1983: June, 489

Somatomammotropin, human chorionic, 1983: Oct., 675–678

Somatostatin, in the placenta, 1983: Oct., 561-562

Space considerations, in planning a perinatal center, 1983: Feb., 3-4, 11-13

Spastic diplegia, anticipated outcome, 1984: Feb., 50

Spastic hemiparesis, anticipated outcome, 1984: Feb., 50

Spastic tetraparesis-dyskinesia, anticipated outcome, 1984: Feb., 49-50

Spectrophotometry, amniotic fluid, for Rh disease, 1984: June, 255-259

Speech and hearing, in the child with bronchopulmonary dysplasia, 1984: Feb., 112–113

Sperm capacitation, in in vitro fertilization, 1983: June, 288

Spinal cord, lesions, due to birth trauma, long-term prognosis, 1983: June, 511-512

Spine, injuries, due to birth trauma, 1983: June, 498

Spironolactone, for use in neonates, 1982: Oct., 550 Steroid hormones, formation in pregnancy, 1983: Oct., 669–672 gestational changes in, 1983: Oct..

527-552

Steroid sulfates, fetal, 1983: Oct., 685–686 in fetal assessment, 1983: Oct., 772 Stillbirth, due to folate deficiency, 1984:

June, 442

Strabismus, due to cicatricial retrolental fibroplasia, 1984: Feb., 138

Streptococcus, group B, effects on the pulmonary circulation, 1984: Oct., 591-599 Stress testing, for uteroplacental insuffi-

ciency, 1982: June, 265-270

Sudden infant death syndrome (SIDS), apnea and, home monitoring for, 1984: Feb., 85–100

victims of, siblings of, 1984: Feb., 88-91 Supine hypotensive syndrome, anesthesia and, 1982: Feb., 114-115

Support services, perinatal, 1983: Feb., 101–103, 124–125, 162

Surgery, fetal, 1983: June, 399-410 for neonatal thrombosis, 1984: June, 479-480

for uterine anomalies, 1983: June, 300–301

in obese pregnant patients, 1983: June, 411-421

nonobstetric, during pregnancy, anesthesia for, 1982: Feb., 135-152

Surgical considerations, in child with bronchopulmonary dysplasia, 1984: Feb., 113

Surgical scars, in high-risk infants, 1984: Feb., 222

Systolic time intervals, of fetal cardiac cycle, 1982: June, 436–440

Teratology, anesthesia and, 1982: Feb., 143–144

Test tube babies, 1983: June, 285–294 Tetraparesis-dyskinesia, spastic, anticipated outcome, 1984: Feb., 49–50

α-Thalassemia, 1984: June, 286-287 diagnosis by detection of deleted α-genes,

1984: June, 298 rationale for intrauterine diagnosis, 1984: June, 288

screening for parents, 1984: June, 290 β-Thalassemia, 1984: June, 287–288

diagnosis by gene mapping, 1984: June, 301–303 rationale for intrauterine diagnosis, 1984:

June, 288–289 screening for parents, 1984: June, 290 Theophylline, for apnea, 1984: Feb., 87–88 for bronchopulmonary dysplasia, 1984: Feb., 109

Thermogenesis, nonshivering, 1982: Feb., 179, 181

Thiazides, for use in neonates, 1982: Oct., 550

Thorazine, for persistent pulmonary hypertension of the newborn, 1984: Oct., 697

Thrombin clotting time (CTT), for detecting coagulation factor deficiencies in neonates, 1984: June, 312

Thrombocytopenia, alloimmune, neonatal, 1984: June, 368–371

amegakaryocytic, 1984: June, 375–376 associated with aplastic anemia, 1984: June, 377–378

autoimmune, 1984: June, 365

due to decreased platelet production, 1984: June, 375-378

due to hypersplenism, 1984: June, 379 immune, 1984: June, 364

neonatal, 1984: June, 359–391 nonimmune consumptive, 1984: June, 371–375

Thrombocytopenia absent radii syndrome, 1984: June, 375–376

Thrombocytopenic purpura, idiopathic, pregnant patient with, 1984: June, 367–368

thrombotic, in neonates, 1984: June, 372–373

Thrombosis, associated with thrombocytopenia, 1984: June, 372

Thrombotic disease, in neonates, 1984: June, 461-488

Thromboxanes, infusion of, effects on pulmonary circulation, 1984: Oct., 573–574

Thyroid function, maternal-fetal, in pregnancy, 1983: Oct., 615-626

Thyroid gland fotal 1983: Oct. 686, 688

Thyroid gland, fetal, 1983: Oct., 686–688 Thytropin-releasing hormone, in the placenta, 1983: Oct., 559–561

Tissue, retained, in midtrimester abortion, 1983: June, 317

Tokodynamometers, for assessing uterine activity, 1983: Feb., 246-248

Tolazoline, for persistent pulmonary hypertension of the newborn, 1984: Oct.,

implications for nursing, 1984: Oct.,

pharmacology of, 1984: Oct., 703-713 Total anomalous pulmonary venous return,

in infants, 1984: Feb., 209 infradiaphragmatic, causing persistent pulmonary hypertension, 1984: Oct., 605-610

Toxoplasmosis, congenital hearing loss due to, 1984: Feb., 155

TpH electrode, for fetal scalp blood sampling, 1982: June, 409-422

Transcutaneous blood gas monitors, descriptions and prices, 1983: Feb., 269-271

Transcutaneous oxygen monitoring, in infants, burns due to, 1984: Feb., 223 in management of bronchopulmonary dysplasia, 1984: Feb., 105–106

Transepidermal water loss, in neonates, 1982: Oct., 453–456

Transfusion, intrauterine, for fetuses with Rh disease, 1984: June, 259-262

exchange, in treatment of hyperbilirubinemia, 1984: June, 344–351 in neonates, risks, 1984: June, 403–415

placental, 1982: Oct., 559-592 Transient neurologic abnormality, of infancy, 1984: Feb., 49-50

Transillumination equipment, 1983: Feb., 192

Transitional circulation, persistent, symposium on, 1984: Oct., 515-755

Transport, of infants with persistent pulmonary hypertension, nursing care during, 1984: Oct., 683

Transport incubators, descriptions and prices, 1983: Feb., 265

Transport services, of neonatal intensive care units, 1983: Feb., 39–40
Trauma, abdominal, during pregnancy.

1983: June, 423–438 birth, immediate management, 1983: June, 487–505

severe, long-term prognosis, 507-521 Truncus arteriosus, in infants, 1984: Feb.,

Tumors, gynecologic, during pregnancy, 1983: June, 369–382

Twins, delivery, anesthesia for, 1982: Feb., 87-89 placental transfusion and, 1982: Oct., 575 Umbilical artery catheters, neonatal thrombosis associated with, 1984: June, 462–465

Umbilical cord, acid-base determinations, 1982: June, 387–399

clamping, early vs late, 1982: Oct., 586-587

disorders of, associated with nonimmune hydrops fetalis, 1982: Oct., 618 severance, natural birth and, 1982: Oct.,

569–570 Umbilical vein catheters, neonatal thrombo-

sis associated with, 1984: June, 465–467 Upper airway obstruction, apnea and, 1984: Feb., 91

Urokinase, for neonatal thrombosis, 1984: June, 477–479

Uterine activity, effect of epidural anesthesia on, 1982: Feb., 59-60

Uterine contraction monitors, 1983: Feb., 244–248

Uteroplacental blood flow, and placental transfer of local anesthetic, 1982: Feb., 15, 31

Uteroplacental insufficency, contraction stress testing, 1982: June, 265–270

Uterus, anomalies of, effects on future pregnancies, 1983: June, 295–304 classification of, 1983: June, 297–300 surgical correction, 1983: June, 300–301 as an endocrine compartment, 1983: Oct., 627–639

blood flow through, in pregnancy, endocrine modulation of, 1983: Oct.,

567-573 infections in, chronic recurrent pregnancy loss due to, 1983: June, 324

rupture, anesthetic considerations, 1982: Feb., 121

tumors of, during pregnancy, 1983: June, 373-375

Ultrasonography, in determining fetal maturity, 1982: June, 303

in diagnosis of hydrops fetalis, 1982: Oct., 627-636 in diagnosis of neonatal thrombosis, 1984:

June, 475 in midtrimester abortion patients, 1983:

June, 309 in monitoring fetal movement, 1982: June, 232, 245

in neonatal head imaging, 1983: Feb., 224-225

in obstetrics, 1983: Feb., 253-261 real-time two-dimensional, in diagnosis of neonatal thrombosis, 1984: June, 476 Vagina, tumors of, during pregnancy, 1983: June, 370-371

Vaginal delivery, after cesarean birth, 1983: June, 439–453

Vascular accidents, deformities related to, 1984: Feb., 217–222

Vascular resistance, pulmonary, control of, in fetus and neonate, 1984: Oct., 551-564

failure of decrease, in 1984: Oct., 532–533

Vasodilator therapy, pulmonary, in persistent pulmonary hypertension of the newborn, 1984: Oct., 693–701

Vasopressin, arginine, secretion and control, 1983: Oct., 696-697

- Venous occlusion plethysmography, for estimating cerebral blood flow, 1983: Feb., 232
- Venous thrombosis, in neonates, 1984: June, 467–468
- Ventilation, mechanical, for management of persistent pulmonary hypertension of the newborn, 1984: Oct., 641-652
 - complications of, 1984: Oct., 653–672 developmental follow-up, 1984: Oct., 738–743
 - effects on cerebral blood flow and metabolism, 1984: Oct., 673-680 future research directions, 1984: Oct., 750-751
- nursing care during, 1984: Oct., 683 Ventricular septal defect, in infants, persistent pulmonary hypertension and, 1984: Oct., 533
- Ventilators, neonatal, 1983: Feb., 205–221 descriptions and prices, 1983: Feb., 271–274
 - performance of, 1983: Feb., 213–220 physical characteristics, 1983: Feb., 208–213
- Ventral defects, of fetal body, perinatal management, 1983: June, 402–403
- Ventricle, left, hypoplastic, in infants, 1984: Feb., 205–206
 - single, in infants, 1984: Feb., 209

- Ventricular septal defect, in infancy, 1984: Feb., 203
- Vestibular testing, 1984: Feb., 167
- Vision problems, in the child with bronchopulmonary dysplasia, 1984: Feb., 113
- Vitamin B₁₂ deficiency, in mother and neonate, 1984: June, 433–459
- Vitamin E, retinopathy of prematurity and, 1984: Feb., 140-143
- Vitamin E deficiency anemia, in neonates, 1984: June, 393–402
- Vitrectomy, for late cicatricial retinopathy of prematurity, 1984: Feb., 137
- Vitreous membranes, due to cicatricial retrolental fibroplasia, 1984: Feb., 140
- Von Willebrand's syndrome, 1984: June, 315-317
- Vulva, tumors of, during pregnancy, 1983: June, 369–370
- Warfarin, for neonatal thrombosis, 1984: June, 477
- Warmers, descriptions and prices, 1983: Feb., 264–265
- Water. See also Body water; Fluid and electrolytes; and Fluid balance.
 - insensible loss of, in newborn infants, 1982: Oct., 453–482
- Well-baby nursery, 1983: Feb., 121-122

